

Figure S15: AFM images of DAE-E crystals and tubes. Upper left: $1.0~\mu m$ scan showing an unopened tube. The tube is roughly twice the height of other crystals. Upper right: Subsequent scan shows the tube partially opened. Opened domains are the same height as other crystals; closer examination reveals tiles whose long axis parallels the tube axis. Lower left: An even later scan of the same region reveals the tube completely opened. Lower right: 390 nm scan showing the region surrounding Figure 5e. Three unopened tubes (with circumferences of roughly 4, 8, and 17 tiles) can also be seen.